

03-22-05

IFW Receipt

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER 540910255US, in an envelope addressed to: Filing Receipt Corrections, Office of Initial Patent Examination, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: March 1, 2005 Signature:

Monica L. Thomas
(Monica L. Thomas)

Docket No.: HO-P01899US3
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Huda Y. Zoghbi et al.

Application No.: 09/980,381

Filed: June 1, 2000

Art Unit: 1632

For: COMPOSITIONS AND METHODS FOR THE
THERAPEUTIC USE OF AN ATONAL-
ASSOCIATED SEQUENCE FOR DEAFNESS,
OSTEOARTHRITIS AND ABNORMAL CELL
PROLIFERATION

Examiner: M. C. Wilson

REQUEST FOR CORRECTED FILING RECEIPT

Filing Receipt Corrections
Office of Initial Patent Examination
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant respectfully requests a corrected filing receipt in connection with the above-referenced patent application.

The official filing receipt issued in this application, Serial No. 09/908,381, indicates a claim for priority to a parent application which has been incorrectly identified by the United States Patent and Trademark Office. The above-referenced application 09/980,381 is a nonprovisional patent application with a filing date of June 1, 2000, but the filing receipt in the 09/980,381 application incorrectly claims priority to U.S. Serial No. 60/147,060 filed August 4, 1999.

Enclosed is a copy of the original filing receipt and a copy of the filing receipt showing the corrections that need to be made to the filing receipt for this parent application. They should indicate that the correct serial number and correct filing date are as follows: 60/137,060 and filed on June 1, 1999.

Also enclosed is a copy of the Request in the parent PCT Application No. PCT/US00/15410 indicating Applicant filed the correct information.

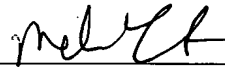
Accordingly, Applicant respectfully requests that a corrected filing receipt be issued and forwarded to Applicants' representative at the address indicated below.

Applicant believes no fee is due with this request. However, if a fee is due, please charge our Deposit Account No. 06-2375, under Order No. HO-P01899US3 from which the undersigned is authorized to draw.

Dated:

March 1, 2005

Respectfully submitted,

By 

Melissa L. Sistrunk

Registration No.: 45,579

FULBRIGHT & JAWORSKI L.L.P.

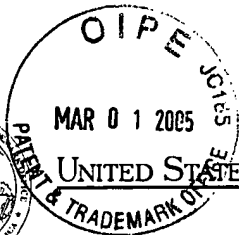
1301 McKinney, Suite 5100

Houston, Texas 77010-3095

(713) 651-5151

(713) 651-5246 (Fax)

Attorney for Applicant



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/980,381	03/06/2002	1653	2171	HO- P01899US3 (09906355)	14	55	15

CONFIRMATION NO. 1277

REPLACEMENT FILING RECEIPT



OC000000007951988

26271
FULBRIGHT & JAWORSKI, LLP
1301 MCKINNEY
SUITE 5100
HOUSTON, TX 77010-3095

Date Mailed: 04/25/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Huda Y. Zoghbi, Houston, TX;
Hugo Bellen, Houston, TX;
Nessan Bermingham, London, ENG, UNITED KINGDOM;
Bassem Hassan, Houston, TX;
Nissim Ben-arie, Mevaseret Zion, ISRAEL;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/US00/15410 06/01/2000
WHICH CLAIMS BENEFIT OF 60/147,060 08/04/1999
AND CLAIMS BENEFIT OF 60/176,993 01/19/2000

Foreign Applications

Projected Publication Date: Not Applicable, filed prior to November 29,2000

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Received	
APR 30 2002 (P01899US3)	
Docket:	P01899US3
Client:	MLS
Attorney:	Baylor

Title

Compositions and methods for the therapeutic use of an atonal-associated sequence for deafness, osteoarthritis, and abnormal cell proliferation

Preliminary Class

435

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

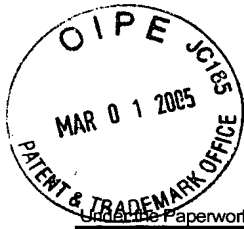
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/980,381
		Filing Date	June 1, 2000
		First Named Inventor	Huda Y. Zoghbi
		Art Unit	1632
		Examiner Name	M. C. Wilson
Total Number of Pages in This Submission	13	Attorney Docket Number	HO-P01899US3

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Corrected Filing Receipt; Copy of Corrected Filing Receipt attached; Request in the parent PCT Application; and Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	FULBRIGHT & JAWORSKI L.L.P.		
Signature			
Printed name	Melissa L. Sistrunk		
Date	3-1-05	Reg. No.	45,579

Transmittal

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Dated: 3-1-05 Signature: Monica L. Thomas (Monica L. Thomas)



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
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09/980,381	03/06/2002	1653	2171	HO- P01899US3 (09906355)	14	55	15
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Nessan Bermingham, London, ENG, UNITED KINGDOM;
Bassem Hassan, Houston, TX;
Nissim Ben-arie, Mevaseret Zion, ISRAEL;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/US00/15410 06/01/2000

WHICH CLAIMS BENEFIT OF ~~60/147,060 06/04/1999~~

AND CLAIMS BENEFIT OF 60/137,060 06/01/99

Foreign Applications

Projected Publication Date: Not Applicable, filed prior to November 29, 2000

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

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APR 30 2002 (P01899US3)	
Docket:	P01899US3
Client:	MLS
Attorney:	Baylor

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Compositions and methods for the therapeutic use of an atonal-associated sequence for deafness, osteoarthritis, and abnormal cell proliferation

Preliminary Class

435

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

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NOT GRANTED

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PCT INTERNATIONAL APPLICATION TRANSMITTAL LETTER

DATE:

01 June 2000

REGARDING THE INTERNATIONAL APPLICATION OF
BAYLOR COLLEGE OF MEDICINEDOCKET OR REFERENCE NUMBER
P01899WO0

ENTITLED

COMPOSITIONS AND METHODS FOR THE THERAPEUTIC USE OF AN ATONAL-ASSOCIATED SEQUENCE FOR
DEAFNESS, OSTEOARTHRITIS, AND ABNORMAL CELL PROLIFERATION

Certification under 37 CFR 1.10 (if applicable)

EK102714206US

"Express Mail" mailing number

01 June 2000

Date of Deposit

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Neva Dare

(Typed or printed name of person
mailing application)(Signature of person mailing
application)

To the United States Receiving office (RO/US):

Accompanying this transmittal letter is the above-identified International application, including a completed Request form (PCT/RO/101). Please process the application according to the provisions of the Patent Cooperation Treaty.

The following requests are made of the RO/US:

1. ☒ PREPARATION AND TRANSMITTAL OF CERTIFIED COPY OF PRIORITY DOCUMENTS -- Please prepare and transmit to the International Bureau a certified copy of the United States origin priority documents identified in Box VI of the Request form (37 CFR 1.451).

To cover the cost of copy preparation and certification (37 CFR 1.19(a)(3) and (b)(1)),

☐ a (check) (money order) in the amount of \$_ is attached to this transmittal letter.

☒ the RO/US is hereby authorized to charge the following deposit account no.: 06-2375.

The appropriate Search fee for the above-named Authority is indicated on the Fee Calculation Sheet (PCT/RO/101 Annex).

2. ☒ SUPPLEMENTAL SEARCH FEES (ONLY WHEN ISA/US CONDUCTS THE INTERNATIONAL SEARCH.) -- Please charge any Supplemental Search fees that may be required by the United States International Searching Authority (ISA/US) to deposit account no.: 06-2375.

I understand that this authorization is subject to my oral confirmation thereof in each instance and that it in no way limits my right to submit a protest against payment of the Supplemental Search fees, but is merely an administrative aid to assure that the ISA/US may timely complete the Search Report.

NOTE: SUPPLEMENTAL SEARCH FEES FOR ISA/EP ARE PAYABLE DIRECTLY TO THE EUROPEAN PATENT OFFICE.

3. ☒ DISCLOSURE INFORMATION -- In order to assist in screening the accompanying International application for purposes of determining whether a license for foreign transmittal should and could be granted, the following information is supplied:

A. ☐ There is no prior filed application relating to this invention.

B. ☒ There are two prior applications*, serial number 60/137,060 filed on 01 June 1999, and serial number 60/176,993 filed on 19 June 2000 which contains subject matter that is

1. ☐ substantially identical to that of the accompanying International application.

2. ☒ less than that of the accompanying International application. The additional subject matter of the International application appears throughout the entire application.

3. ☐ more than that of the accompanying International application.

C. ☐ Disclosure information cannot be covered by the language of Points 4A or 4B above due to the involvement of several prior applications or for other reasons. A separate sheet on which the disclosure information is explained is attached to this transmittal letter.

4. ☐ REQUEST FOR FOREIGN TRANSMITTAL LICENSE -- According to the provisions of 35 U.S.C. 184 and 37 CFR 5.11, a license to transmit the accompanying International application to foreign agencies or international authorities is hereby requested.

*Priority is not claimed, unless all necessary information is listed in Box VI of the Request Form (PCT/RO/101).

SIGNER IS THE:

☐ APPLICANT☐ COMMON REPRESENTATIVE☒ (ATTORNEY) (AGENT)Reg. No. 32,714

NAME OF SIGNER (typed)

THOMAS D. PAUL

SIGNATURE

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired)(12 characters maximum) P01899WO0

Box No. I TITLE OF INVENTION

COMPOSITIONS AND METHODS FOR THE THERAPEUTIC USE OF AN ATONAL-ASSOCIATED SEQUENCE FOR DEAFNESS, OSTEOARTHRITIS, AND ABNORMAL CELL PROLIFERATION

Box No. II APPLICANT

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BAYLOR COLLEGE OF MEDICINE
One Baylor Plaza
Houston, Texas 77030
US

☐ This person is also inventor.

Telephone No.

713-798-6392

Facsimile No.

713-798-6368

Teleprinter No.

N/A

State (i.e. country) of nationality:

US

State (i.e. country) of residence:

US

This person is applicant for the purposes of: ☐ all designated States ☒ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

ZOGHBI, Huda Y.
6618 Sewanee
Houston, Texas 77005
US

This person is:

☐ applicant only

☒ applicant and inventor

☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

US

State (i.e. country) of residence:

US

This person is applicant for the purposes of: ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

☒ Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

☒ agent ☐ common representative

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

PAUL, Thomas D.
FULBRIGHT & JAWORSKI
1301 McKinney, Suite 5100
Houston, Texas 77010
US

Telephone No.

713/651-5325

Facsimile No.

713-651-5246

Teleprinter No.

N/A

☐ Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Continuation of Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTORS*If none of the following sub-boxes is used, this sheet is not to be included in the request.*

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BELLEN, Hugo
3411 Mt. Vernon
Houston, Texas 77006
US

This person is:

- ☐ applicant only
- ☒ applicant and inventor
- ☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

US

State (i.e. country) of residence:

US

This person is applicant for the purposes of: ☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BIRMINGHAM, Nesson
5445 Braesvalley, #708
Houston, Texas 77096
US

This person is:

- ☐ applicant only
- ☒ applicant and inventor
- ☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

US

State (i.e. country) of residence:

US

This person is applicant for the purposes of: ☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

HASSAN, Bassem
1422 Richmond Avenue, #3053
Houston, Texas 77006
US

This person is:

- ☐ applicant only
- ☒ applicant and inventor
- ☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

US

State (i.e. country) of residence:

US

This person is applicant for the purposes of: ☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BEN-ARIE, Nissim
Department of Cell and Animal Biology
Alexander Silberman Institute of Life Sciences
Hebrew University of Jerusalem, Givat-Ram
Jerusalem 91904
IL

This person is:

- ☐ applicant only
- ☒ applicant and inventor
- ☐ inventor only (If this check-box is marked, do not fill in below.)

State (i.e. country) of nationality:

IL

State (i.e. country) of residence:

IL

This person is applicant for the purposes of: ☐ all designated States☐ all designated States except the United States of America☒ the United States of America only☐ the States in the Supplemental Box☐ Further applicants and/or (further) inventors are indicated on a continuation sheet.

No. V DESIGNATION OF STATES

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least one must be marked):

Regional Patent

- ☒ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☒ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP European Patent:** AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT.
- ☒ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)

National Patent (if other kind of protection or treatment desired, specify on dotted line):

- | | |
|--|--|
| <input checked="" type="checkbox"/> AE United Arab Emirates | <input checked="" type="checkbox"/> LR Liberia |
| <input checked="" type="checkbox"/> AL Albania | <input checked="" type="checkbox"/> LS Lesotho |
| <input checked="" type="checkbox"/> AM Armenia | <input checked="" type="checkbox"/> LT Lithuania |
| <input checked="" type="checkbox"/> AT Austria | <input checked="" type="checkbox"/> LU Luxembourg |
| <input checked="" type="checkbox"/> AU Australia | <input checked="" type="checkbox"/> LV Latvia |
| <input checked="" type="checkbox"/> AZ Azerbaijan | <input checked="" type="checkbox"/> MA Morocco |
| <input checked="" type="checkbox"/> BA Bosnia and Herzegovina | <input checked="" type="checkbox"/> MD Republic of Moldova |
| <input checked="" type="checkbox"/> BB Barbados | <input checked="" type="checkbox"/> MG Madagascar |
| <input checked="" type="checkbox"/> BG Bulgaria | <input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia |
| <input checked="" type="checkbox"/> BR Brazil | <input checked="" type="checkbox"/> MN Mongolia |
| <input checked="" type="checkbox"/> BY Belarus | <input checked="" type="checkbox"/> MW Malawi |
| <input checked="" type="checkbox"/> CA Canada | <input checked="" type="checkbox"/> MX Mexico |
| <input checked="" type="checkbox"/> CH and LI Switzerland and Liechtenstein | <input checked="" type="checkbox"/> NO Norway |
| <input checked="" type="checkbox"/> CN China | <input checked="" type="checkbox"/> NZ New Zealand |
| <input checked="" type="checkbox"/> CR Costa Rica | <input checked="" type="checkbox"/> PL Poland |
| <input checked="" type="checkbox"/> CU Cuba | <input checked="" type="checkbox"/> PT Portugal |
| <input checked="" type="checkbox"/> CZ Czech Republic | <input checked="" type="checkbox"/> RO Romania |
| <input checked="" type="checkbox"/> DE Germany | <input checked="" type="checkbox"/> RU Russian Federation |
| <input checked="" type="checkbox"/> DK Denmark | <input checked="" type="checkbox"/> SD Sudan |
| <input checked="" type="checkbox"/> EE Estonia | <input checked="" type="checkbox"/> SE Sweden |
| <input checked="" type="checkbox"/> ES Spain | <input checked="" type="checkbox"/> SG Singapore |
| <input checked="" type="checkbox"/> FI Finland | <input checked="" type="checkbox"/> SI Slovenia |
| <input checked="" type="checkbox"/> GB United Kingdom | <input checked="" type="checkbox"/> SK Slovakia |
| <input checked="" type="checkbox"/> GD Grenada | <input checked="" type="checkbox"/> SL Sierra Leone |
| <input checked="" type="checkbox"/> GE Georgia | <input checked="" type="checkbox"/> TJ Tajikistan |
| <input checked="" type="checkbox"/> GH Ghana | <input checked="" type="checkbox"/> TM Turkmenistan |
| <input checked="" type="checkbox"/> GM Gambia | <input checked="" type="checkbox"/> TR Turkey |
| <input checked="" type="checkbox"/> HR Croatia | <input checked="" type="checkbox"/> TT Trinidad and Tobago |
| <input checked="" type="checkbox"/> HU Hungary | <input checked="" type="checkbox"/> TZ United Republic of Tanzania |
| <input checked="" type="checkbox"/> ID Indonesia | <input checked="" type="checkbox"/> UA Ukraine |
| <input checked="" type="checkbox"/> IL Israel | <input checked="" type="checkbox"/> UG Uganda |
| <input checked="" type="checkbox"/> IN India | <input checked="" type="checkbox"/> US United States of America |
| <input checked="" type="checkbox"/> IS Iceland | <input checked="" type="checkbox"/> UZ Uzbekistan |
| <input checked="" type="checkbox"/> JP Japan | <input checked="" type="checkbox"/> VN Viet Nam |
| <input checked="" type="checkbox"/> KE Kenya | <input checked="" type="checkbox"/> YU Yugoslavia |
| <input checked="" type="checkbox"/> KG Kyrgyzstan | <input checked="" type="checkbox"/> ZA South Africa |
| <input checked="" type="checkbox"/> KP Democratic People's Republic of Korea | <input checked="" type="checkbox"/> ZW Zimbabwe |
| <input checked="" type="checkbox"/> KR Republic of Korea | |
| <input checked="" type="checkbox"/> KZ Kazakhstan | |
| <input checked="" type="checkbox"/> LC Saint Lucia | |
| <input checked="" type="checkbox"/> LK Sri Lanka | |
- Check-boxes reserved for designating States (for the purposes of a national patent) which have become party to the PCT after issuance of this sheet:
- ☒ DZ Algeria
- ☒ AG Antigua and Barbuda

In addition to the designations made above, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except the designation(s) of _____

The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.)

Box No. VI PRIORITY CLAIMFurther priority claims are indicated in the Supplemental Box ☐

The priority of the following earlier application(s) is hereby claimed:

Country (in which, or for which, the application was filed)	Filing Date (day/month/year)	Application No.	Office of filing (only for regional or international application)
item (1) US	01 JUNE 1999 (01.06.99)	60/137,060	
item (2) US	19 JANUARY 2000 (19.01.00)	60/176,993	

Mark the following check-box if the certified copy of the earlier application is to be issued by the Office which for the purposes of the present international application is the receiving Office (a fee may be required):

- ☒ The receiving Office is hereby requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): 1 and 2

Box No. VII INTERNATIONAL SEARCHING AUTHORITYChoice of International Searching Authority (ISA) If two or more International Searching Authorities are competent to carry out the international search indicate the Authority chosen; the two-letter code may be used: ISA/US

Earlier search Fill in where a search (international, international-type or other) by the International Searching Authority has already been carried out or requested and the Authority is now requested to base the international search, to the extent possible, on the results of that earlier search. Identify such search or request either by reference to the relevant application (or the translation thereof) or by reference to the search request:

Country (or regional Office):

Date (day/month/year):

Number:

Box No. VIII CHECK LIST

This international application contains the following number of sheets:

1. request	:	4	sheets
2. description	:	121	sheets
3. claims	:	6	sheets
4. abstract	:	1	sheets
5. drawings	:	14	sheets
Total	:	146	sheets

This international application is accompanied by the item(s) marked below:

- | | |
|---|--|
| 1. <input type="checkbox"/> separate signed power of attorney | 5. <input checked="" type="checkbox"/> fee calculation sheet |
| 2. <input type="checkbox"/> copy of general power of attorney | 6. <input type="checkbox"/> separate indications concerning deposited microorganisms |
| 3. <input type="checkbox"/> statement explaining lack of signature | 7. <input type="checkbox"/> nucleotide and/or amino acid sequence listing (diskette) |
| 4. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): | 8. <input checked="" type="checkbox"/> other (specify): <u>POSTCARD</u> |

Figure No. 2b of the drawings (if any) should accompany the abstract when it is published.**Box No. IX SIGNATURE OF APPLICANT OR AGENT**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the

Baylor College of Medicine

Huda Y. Zobghi

Hugo Bellen

Dalton Tomlin
Vice President and General Counsel

Nessan Birmingham

Bassem Hassan

Nissim Ben-Arie

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1. Date of actual receipt of the purported international application:	2. Drawings: <input type="checkbox"/> received: <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority specified by the Applicant: <u>ISA/</u>	
6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid	

For International Bureau use only

Date of receipt of the record copy by the International Bureau:

PCT

FEE CALCULATION SHEET

For receiving Office use only

Annex to the Request

International application No.

Applicant's or agent's
file reference P01899W00

Applicant

Date stamp of the receiving Office

BAYLOR COLLEGE OF MEDICINE

CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE 240.00 [T]

2. SEARCH FEE 450.00 [S]

International search to be carried out by US
(If two or more International Searching Authorities are competent in relation to the international application, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FEE

Basic Fee

The international application contains 146 sheets.first 30 sheets 427.00 [b₁] $\frac{116}{\text{remaining sheets}} \times \frac{10.00}{\text{additional amount}} = 1,160.00$ [b₂]Add amounts entered at b₁ and b₂

and enter total at B 1,587.00 [B]

4. Designation Fee

The international application contains all designations $\frac{8}{\text{number of designation}} \times \frac{92.00}{\text{amount of designation fee}} = 736.00$ [D]
fees payable (maximum 10)Add amounts entered at B and D and enter total at I 2,323.00 [I]
(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)

4. FEE FOR PRIORITY DOCUMENT 15.00 [P]

5. TOTAL FEES PAYABLE

Add amounts entered at T, S, I and P,
and enter total in the TOTAL box

\$ 3,028.00

TOTAL

☐ The designation fee is not paid at this time.

MODE OF PAYMENT

☒ authorization to charge ☐ bank draft ☐ coupons

deposit account (see below)

☐ cheque ☐ cash ☐ other (specify):☐ postal money order ☐ revenue stamps

DEPOSIT ACCOUNT AUTHORIZATION (this mode of payment may not be available at all receiving Offices)

The RO/ US ☒ is hereby authorized to charge the total fees indicated above to my deposit account.☐ is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my deposit account.☐ is hereby authorized to charge the fee for preparation and transmittal of the priority document to the International Bureau of WIPO to my deposit account.

06-2375

Deposit Account Number

01/06/2000

Date (day/month/year)

Signature - Thomas D. Paul